

Title (en)

POINTED SICKLE BLADE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED

Title (de)

GESPITZTE SICHELKLINGE ZUR VERWENDUNG IN EINEM SICHELSCHEIDESYSTEM MIT ERHÖHTER GRUNDGESCHWINDIGKEIT

Title (fr)

SECTION POINTUE DESTINÉE À ÊTRE UTILISÉE DANS UN SYSTÈME DE COUPE EN FAUCILLE À VITESSE PAR RAPPORT AU SOL ACCRUE

Publication

**EP 2804463 B1 20211124 (EN)**

Application

**EP 13738842 A 20130117**

Priority

- US 201261587843 P 20120118
- US 201261664345 P 20120626
- US 201261677169 P 20120730
- US 201261677177 P 20120730
- CA 2013050030 W 20130117

Abstract (en)

[origin: US2013186053A1] In a sickle cutting system, it has been found that a significant increase in ground speed while maintaining an acceptable level of cutting efficiency as measured by the average stubble length can be obtained by a combination of one or more of the features where the cutting stroke is reduced from the conventional length of 3.0 inches to a value of the order of 2.0 inches; the length of the cutting edge of each knife blade is increased to a length greater than 2.2 inches; the width at the rear of the ledger surface of each guard is increased to greater than 1.0 inches; and the front edge of the blade is formed with an apex to shed crop material to one or other side of the apex.

IPC 8 full level

**A01D 34/14** (2006.01); **A01D 34/18** (2006.01); **A01D 34/28** (2006.01)

CPC (source: EP US)

**A01D 34/008** (2013.01 - US); **A01D 34/02** (2013.01 - US); **A01D 34/13** (2013.01 - US); **A01D 34/14** (2013.01 - EP US);  
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**US 201313743722 A 20130117;** AR P130100165 A 20130118; AR P130100166 A 20130118; AR P130100168 A 20130118; AR P130100169 A 20130118; AR P130100170 A 20130118; AR P130100171 A 20130118; AU 2013210751 A 20130117; AU 2013210752 A 20130117; AU 2013210753 A 20130117; AU 2013210755 A 20130117; BR 112014017218 A 20130117; BR 112014017359 A 20130117; BR 112014017412 A 20130117; CA 2013050026 W 20130117; CA 2013050027 W 20130117; CA 2013050028 W 20130117; CA 2013050030 W 20130117; CA 2013050032 W 20130117; CA 2013050033 W 20130117; CA 2802894 A 20130117; CA 2802958 A 20130117; CA 2802963 A 20130117; CA 2802972 A 20130117; CA 2802975 A 20130117; CA 2803470 A 20130117; CN 201380004708 A 20130117; EA 201491378 A 20130117; EA 201491379 A 20130117; EA 201491380 A 20130117; EA 201491382 A 20130117; EP 13738075 A 20130117; EP 13738679 A 20130117; EP 13738842 A 20130117; EP 13739072 A 20130117; HU E13738842 A 20130117; US 201313743484 A 20130117; US 201313743512 A 20130117; US 201313743675 A 20130117; US 201313743885 A 20130117; US 201313743968 A 20130117